



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Wednesday, January 22, 2025
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY
400 WOODCLIFF DR.

CANONSBURG, PA 15317

Re: Permit Modification Approval for Tesla 17H
47-103-03668-00-00

Extended Lateral Length and adding an AST to the Pad

EQT PRODUCTION COMPANY

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: Tesla 17H
Farm Name: Harrison County Coal Resources & EQT Production C⁺
U.S. WELL NUMBER: 47-103-03668-00-00
Horizontal 6A New Drill
Date Modification Issued: 1/22/2025

Promoting a healthy environment.

01/24/2025

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: EQT Production Company 306686 Wetzel Grant Glover Gap
Operator ID County District Quadrangle

2) Operator's Well Number: 17H Well Pad Name: Tesla

3) Farm Name/Surface Owner: Harrison County Coal Resources & EQT Production Company Public Road Access: CR-21

4) Elevation, current ground: 1,320' (built) Elevation, proposed post-construction: 1,320' (built)

5) Well Type (a) Gas Oil _____ Underground Storage _____

Other _____

(b) If Gas Shallow Deep _____

Horizontal

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus, 7,670', 79', 2,620 psi

8) Proposed Total Vertical Depth: 7,670'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 26,498'

11) Proposed Horizontal Leg Length: 17,121'

12) Approximate Fresh Water Strata Depths: 171', 278'

13) Method to Determine Fresh Water Depths: Offset Wells - 049-00113, 049-00094, 049-00505

14) Approximate Saltwater Depths: 2,033', 2,108', 2,568', 3,276'

15) Approximate Coal Seam Depths: 1,187'-1,193'

16) Approximate Depth to Possible Void (coal mine, karst, other): N/A

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes No _____

(a) If Yes, provide Mine Info: Name: Harrison County Mine
Depth: 1,187'-1,193'
Seam: Pittsburgh
Owner: Harrison Coal County Resources, Inc.

CK# 607356
\$ 2500
11/13/2024

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18) **CASING AND TUBING PROGRAM**

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	26	New	A252	85.6	53	53	45 ft ³ / CTS
Fresh Water	13 3/8	New	J-55	54.5	1243	1243	1135 ft ³ / CTS
Coal							
Intermediate	9 5/8	New	J-55	36	2605	2605	1000 ft ³ / CTS
Production	5 1/2	New	P-110	20	26498	26498	500' above intermediate casing
Tubing							
Liners							

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	26	30	0.312	1000	18	Class A/L	1.04 - 1.20
Fresh Water	13 3/8	17 1/2	0.380	2730	2184	Class A/L	1.04 - 1.20
Coal							
Intermediate	9 5/8	12 3/8 - 12 1/4	0.352	3520	2816	Class A/H/L	1.04 - 1.20
Production	5 1/2	8 3/4 - 8 1/2	0.361	14360	11488	Class A/H/L	1.04 - 2.10
Tubing							
Liners							

PACKERS

Kind:				RECEIVED Office of Oil and Gas DEC 16 2024 WV Department of Environmental Protection
Sizes:				
Depths Set:				

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill and complete a new horizontal well in the Marcellus Formation. Drill the vertical, kick off and drill curve. Drill the lateral in the Marcellus. Cement casing.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Hydraulic fracturing is completed in accordance with state regulations using water recycled from previously fractured wells and obtained from freshwater sources. This water is mixed with sand and a small percentage (less than 0.1%) of chemicals (including 15% Hydrochloric acid, friction reducer, biocide, and scale inhibitor), referred to in the industry as a "slickwater" completion. Maximum anticipated internal casing pressure is expected to be approximately 10,000 psi, maximum anticipated treating rates are expected to average approximately 100 bpm. Stage lengths vary from 150 to 300 feet. Average approximately 350,000 gallons of water per stage. Sand sizes vary from 100 mesh to 20/40 mesh. Average approximately 200,000-600,000 pounds of proppant per stage.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 42.88 acres (built)

22) Area to be disturbed for well pad only, less access road (acres): 6.55 acres (built)

23) Describe centralizer placement for each casing string:

- Surface: Bow spring centralizers – One centralizer at the shoe and one spaced every 500’.
- Intermediate: Bow spring centralizers– One centralizer at the shoe and one spaced every 500’.
- Production: One solid body centralizer spaced every other joint from production casing shoe to landing point. One solid body centralizer spaced every joint from landing point to planned top of cement.

24) Describe all cement additives associated with each cement type:

Conductor: Class A no additives
Surface: Calcium Chloride. Used to speed the setting of cement slurries
Intermediate: Calcium Chloride. Used to speed the setting of cement slurries. If applicable: Gas Migration Control Additive, Cement Retarder
Production: Calcium Carbonate, Fluid Loss, Extender, Dispersent, Viscosifier, Defoamer, POZ, Bonding Agent, Retarder, Anti-Settling/Suspension Agent

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25) Proposed borehole conditioning procedures:

Surface: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at surface.
Intermediate: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at surface.
Production: Perform a cleanup cycle by pumping 3-8 bottoms up or until the shakers are clean. Check volume of cuttings coming across the shakers every 15 minutes.

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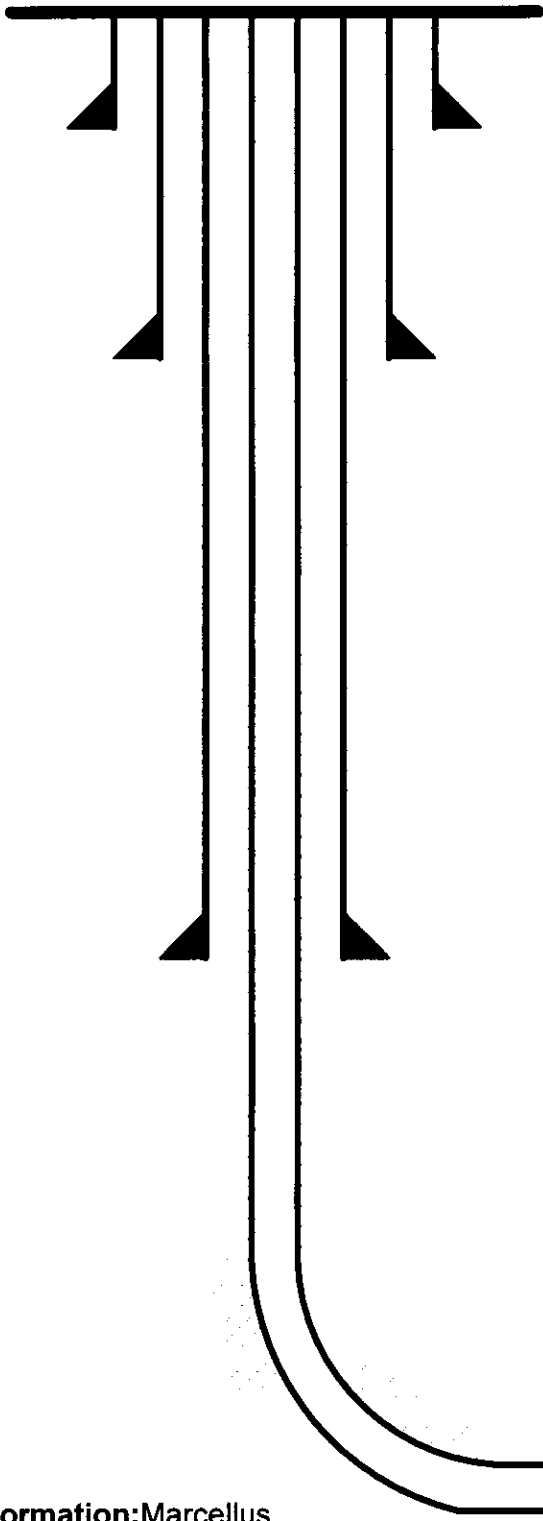
*Note: Attach additional sheets as needed.

EQT Production

Wellbore Diagram

Well: Tesla 17H
Pad: Tesla
Elevation: 1320' GL 1333' KB

County: Wetzel
State: West Virginia



Conductor @ 53'
26", 85.6#, A252, cement to surface w/ Class A/L

Surface @ 1,243'
13-3/8", 54.5#, J-55, cement to surface w/ Class A/L

Intermediate @ 2,605'
9-5/8", 36#, J-55, cement to surface w/ Class A/H/L

Production @ 26,498' MD / 7,670' TVD
5-1/2", 20#, P-110, cement to 500' inside 9-5/8" w/ Class A/H/L

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Formation: Marcellus

Stephen Mccoy
Digitally signed by Stephen Mccoy
Date: 2024.11.25 11:28:09 -05'00'

NOT TO SCALE

EQT Production Company
Hydraulic Fracturing Monitoring Plan
Pad ID: Tesla
County: Wetzel

November 22, 2024

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Purpose

The purpose of this pad-specific Hydraulic Fracturing Monitoring Plan is to identify and notify conventional well operators near EQT hydraulic fracturing in Wetzel County, WV prior to hydraulic fracturing at the following EQT wells on the Tesla pad: 1H, 3H, 5H, 7H, 9H, 11H, 13H 15H and 17H.

Due to the requirements under 35CSR8 5.11, the permittee is required to review the area surrounding the proposed well pad so as to identify and evaluate potential conduits for unintended fracture propagation.

A report is required to be submitted along with a well work permit application.

The plan is being implemented as an additional safety measure to be utilized in conjunction with existing best management practices and emergency action plans for the site. These additional measures include coordination with well operators of the timing and location of the hydraulic fracturing, establishment of measures well operators should implement, and assurance that the OOG is notified of the timeline, as well as any issues that may arise during fracturing.

1. Communications with Well Operators

EQT, using available data (WV Geological Survey, WVDEP website, and IHS data service), has identified all known wells and well operators within 500 feet of this pad and the lateral sections that are known or could reasonably be expected to be within range of the fracture propagation. A map showing these wells along with a list of the wells and operators is included in **Attachment A**.

EQT will notify these operators of the hydraulic fracturing schedule for these wells, and coordinate with them throughout the fracturing process.

EQT will recommend to these operators at a minimum to:

1. Inspect their surface equipment prior to fracturing to establish integrity and establish pre-frac well conditions
2. Observe wells closely during and after fracturing and monitor for abnormal increases in water, gas or pressure
3. Inspect or install master valves or other necessary equipment for wellhead integrity capable of a pressure recommended by EQT
4. Notify the OOG and EQT if any changes in water, gas production, pressure, or other anomalies are identified

2. Reporting

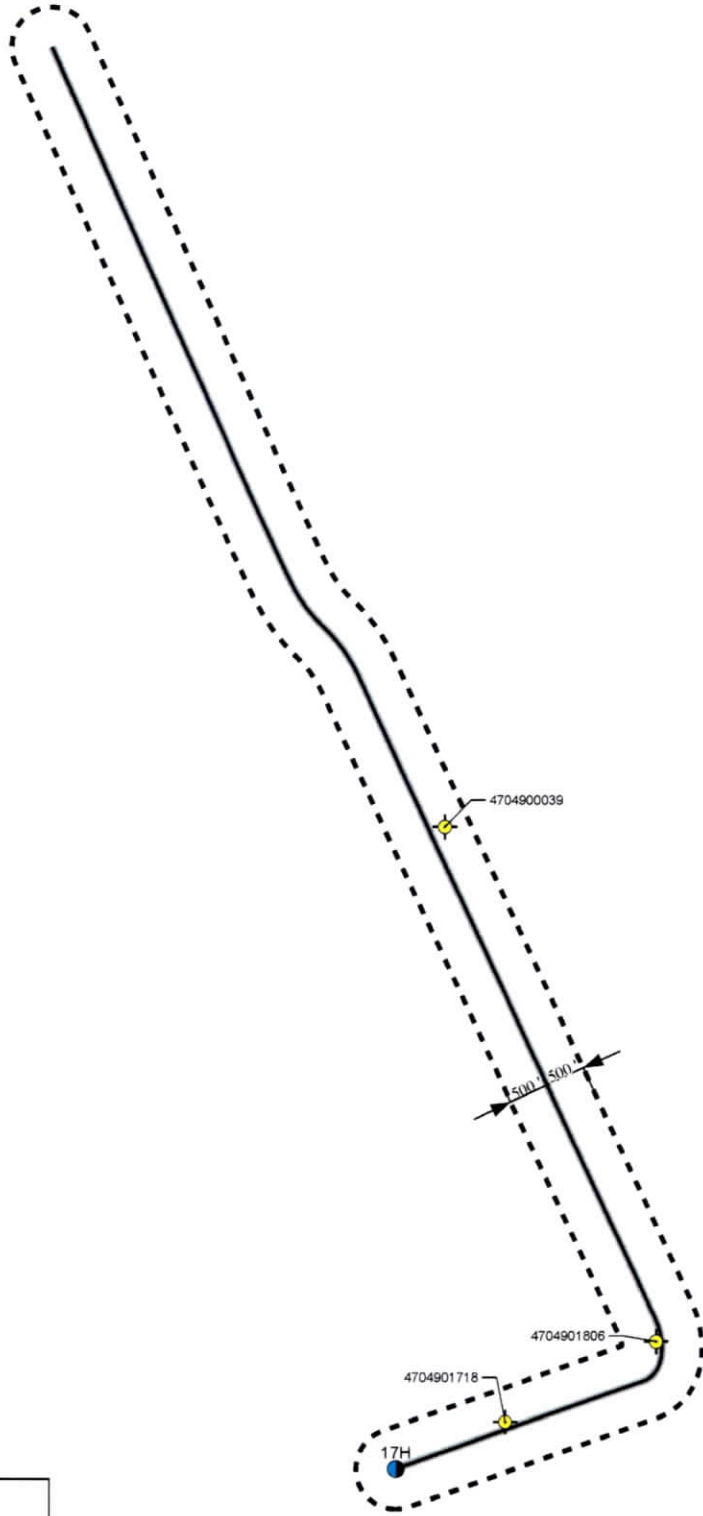
EQT will provide information relating to the hydraulic fracturing schedule, communication with other operators, and ongoing monitoring of the work upon request of OOG or immediately in the event of any noted abnormalities.

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Legend

- Wells
- Tesla Tophole
- Tesla Lateral
- Tesla Lateral Buffer 500

SHEET: 1 OF 1	AREA OF REVIEW (AOR) PLAT	
SCALE: 1" = 1,500 feet	Well (Farm) Name: Tesla	
DATE: 11/20/2024	Well #: 17H	DEP ID#:
Wetzel County, WV		



No.	Revisions	Date

01/24/2025

PermitID	WellType	WellUse	WellDepth	RespParty	WellStatus	FarmName	WellNumber	WellX	WellY	Formation
049-01718	Vertical	Not Available	Not Available	CONSOLIDATION COAL COMPANY	Plugged	HAYES, MARK L.	5530	544758.4	4374063.7	NA
049-01806	Vertical	Not Available	Not Available	CONSOLIDATION COAL COMPANY	Plugged	DEBERRY, EDMUND	5427	545327.64	4374378.85	NA
049-00039	Vertical	Not Available	Not Available	OPERATOR UNKNOWN	Abandoned Well	SATTERFIELD, J. T.	3	544487.9	4376317.3	NA

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Tesla 17H
Tesla
EQT Production Company

Lease No
104950004

Lease No
113980072

Lease No
111332002

Lease No
172703000

Lease No
237982012

Lease No
131300039

Lease No
174257001

Lease No
174249001

Lease No
259229002

Lease No
131595001

Lease No
129363023

Lease No
129822001

Lease No
136043007



Matchline Sheet 2
Matchline Sheet 1

- NOTES ON SURVEY**
- COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
 - SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND FIELD LOCATIONS.
 - THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
 - NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED OF CENTER OF PAD.
 - NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
 - NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
 - NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

- LEGEND**
- Active Well Location
 - Plugged Well Location
 - Abandoned Well
 - Coal Bed Methane Well
 - Surface Tract identification
 - Proposed Gas Well
 - Located Corner, as noted
 - Surface Tract Lines (Surveyed)
 - Surface Tract Lines (Tax Map)
 - Reference Line
 - Lease Boundary
 - Creek or Drain
 - WV County Route
 - WV State Route

() Denotes Location of Well on United States Topographic Maps

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

L. L. S. 2394
L. L. S. 2394



FILE NO: _____
DRAWING NO: _____
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

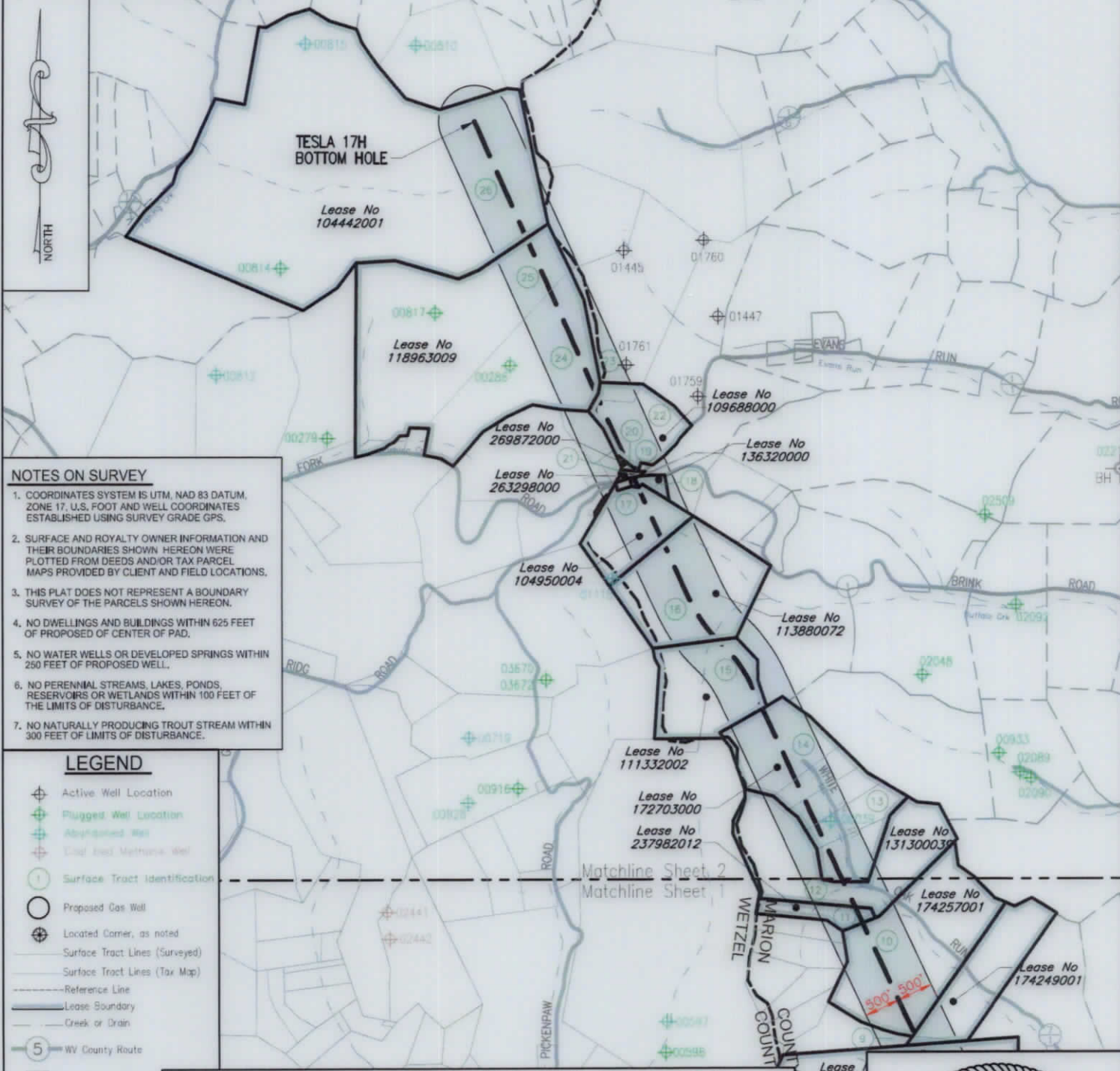
DATE: November 5, 20 24
OPERATORS WELL NO: Tesla 17H
API WELL NO: 47 - 103 - 03668
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION ELEVATION: 1320' WATERSHED: Fishing Creek QUADRANGLE: Glover Gap
DISTRICT: Grant COUNTY: Wetzel
SURFACE OWNER: Harrison County Coal Resources & EQT Production Company ACREAGE: 47.5 ±
ROYALTY OWNER: William M. Peterson, Jr., et al. LEASE NO: 129822001 ACREAGE: 4,564 ±
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: 7,670'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C Mallow
ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
Canonsburg, PA 15317 Clarksburg, WV 26301

01/24/2025

Tesla 17H
Tesla
EQT Production Company



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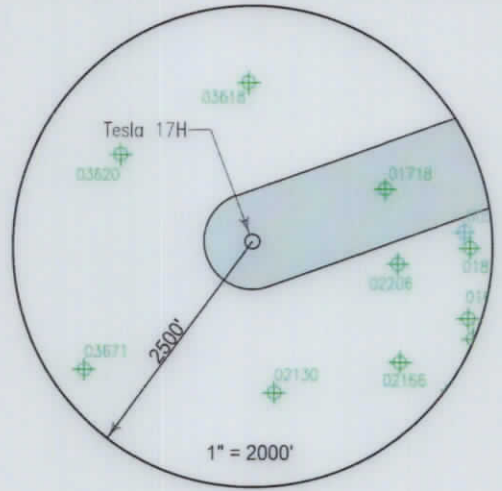


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 WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C Mallow
 ADDRESS: 400 Woodcliff Drive ADDRESS: 427 Midstate Drive
 Canonsburg, PA 15317 Clarksburg, WV 26301

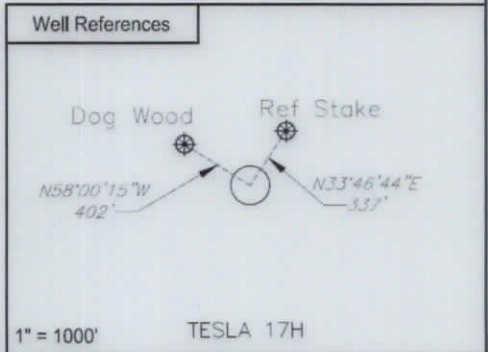
01/24/2025

Tesla 17H
Tesla
EQT Production Company



Tract ID.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	31	1.0	Wetzel	Grant	Harrison County Coal Resources & EQT Production Company	47.30
2	47	5.0	Marion	Mannington	Amber M Nichols	73.75
3	47	4.0	Marion	Mannington	Debra A. Marozzi	43.00
4	47	6.0	Marion	Mannington	The West Virginia Land Trust Inc.	62.00
5	47	11.0	Marion	Mannington	David L & Doretta D Bonnell	23.53
6	46	1.3	Marion	Mannington	Wayne D Willie II & Caren L	3.00
7	46	1.1	Marion	Mannington	Lucy I & Willie D Wayne	1.10
8	46	1.0	Marion	Mannington	Wayne D Willie II	85.87
9	46	9.0	Marion	Mannington	Wayne D Willie II	14.50
10	46	2.0	Marion	Mannington	Marion County Commission	644.34
11	46	12.0	Marion	Mannington	Brett Martin	9.00
12	46	11.0	Marion	Mannington	Brett Martin	59.55
13	46	10.0	Marion	Mannington	John R & Connie M Myers	44.07
14	46	10.1	Marion	Mannington	Johnny P Myers	28.43
15	45	3.0	Marion	Mannington	Allen L & Donna J Hillberry	42.50
16	45	2.0	Marion	Mannington	Allen L & Donna J Hillberry	102.59
17	45	1.0	Marion	Mannington	Nancy S & Keith A Wyckoff & Powell & Beverly E Hickman	26.75
18	45	14.8	Marion	Mannington	Kathleen S Trudeau & Wendy Marolf	2.02
19	45	27.0	Marion	Mannington	Seth L Hixenbaugh & Nicole L Harley	0.26
20	45	32.0	Marion	Mannington	Paul W Glover	0.94
21	45	14.5	Marion	Mannington	Seth L Hixenbaugh & Nicole L Harley	0.48
22	45	30.0	Marion	Mannington	Keith A Powell	21.50
23	45	29.0	Marion	Mannington	Patricia V Teagarden et al	61.02
24	20	4.0	Wetzel	Grant	Jennifer L Archer Trustee et al & Powell Family Irrev. Trust	70.00
25	20	3.0	Wetzel	Grant	Linda Darlene Corwin & Larry R & Carl F Powell	99.82
26	20	1.0	Wetzel	Grant	Coastal Forest Resources CO	520.00

Lease	Owner	Acres
129822001	William M Peterson, Jr. et al	4,564 ac
129363023	Country Roads Minerals LLC, et al	52 ac
136043007	Lee and Hal Royalties, et al	274 ac
131595001	David R. Cunningham, et al.	18,068 ac
256229002	Country Roads Minerals, LLC, et al	85.25 ac
174249001	Country Roads Minerals, LLC, et al	34 ac
174257001	Country Roads Minerals, LLC, et al	77 ac
237982012	Virginia Ross Taylor, et al	18.5 ac
131300039	Country Roads Minerals, LLC, et al	63.5 ac
172709000	EQT Production Company, et al	75 ac
111332002	AMP IV, LP, et al	42.5 ac
113880072	Bounty Minerals, LLC, et al	181 ac
104950004	EQT Production Company, et al	29 ac
136320000	Sheila C. Goodnight	2.02 ac
263298000	Seth Lawrence Hixenbaugh and Nicole Lynn Harley	0.74 ac
266872000	Paul W Glover	0.50 ac
109688000	Keith A. Powell, et al	21.5 ac
118963009	Alan Strum Cunningham, et al	265 ac
104442001	Emory Peak Minerals, LLC, et al	400 ac



Notes:
 TESLA 17H coordinates are
 NAD 27 N: 370,592,795 E: 1,722,295,892
 NAD 27 Lat: 39.513318 Long: -80.484322
 NAD 83 UTM N: 4,373,878,940 E: 544,345,226
 TESLA 17H Landing Point coordinates are
 NAD 27 N: 372,463,759 E: 1,725,536,114
 NAD 27 Lat: 39.518551 Long: -80.472910
 NAD 83 UTM N: 4,374,465,421 E: 545,322,915
 TESLA 17H Bottom Hole coordinates are
 NAD 27 N: 388,276,648 E: 1,717,953,467
 NAD 27 Lat: 39.561735 Long: -80.500410
 NAD 83 UTM N: 4,379,244,504 E: 542,932,573

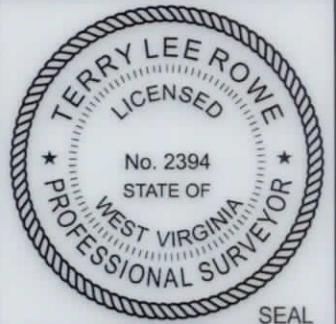
West Virginia Coordinates system of 1927 (North Zone) based upon Differential GPS Measurements
 Plat orientation, Corner and well ties are based upon the grid north meridian
 Well location references are based upon the grid north meridian.
 UTM coordinates are NAD83, Zone 17, Meters.

- TESLA PAD**
- TESLA 17H 103-03668 ○
 - TESLA 15H 103-03667 ○
 - TESLA 13H 103-03666 ○
 - TESLA 11H 103-03665 ○
 - TESLA 9H 103-03664 ○
 - TESLA 7H 103-03663 ○
 - TESLA 5H 103-03662 ○
 - TESLA 3H 103-03661 ○
 - TESLA 1H 103-03660 ○



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

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01/24/2025

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
See Attachment				

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**


The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

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The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: EQT Production Company

By: John Zavatchan 

Its: Regional Manager - Permitting

Lease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
129822001	<u>William M. Peterson, Jr., et al.</u>			"at least 1/8th per WV Code 22-6-8"	
	B. Walker Peterson and Nannie M. Peterson, his wife	4,564 ac	South Penn Oil Company		DB 35/588
	South Penn Oil Company		South Penn Natural Gas Company		OG 33A/455
	South Penn Natural Gas Company		South Penn Oil Company		DB 215/478
	South Penn Oil Company		Pennzoil Company		WV SOS
	Pennzoil Company		Pennzoil United, Inc.		DB 246/491
	Pennzoil United, Inc.		Pennzoil Company		WV SOS
	Pennzoil Company		Pennzoil Products Company		DB 319/397
	Pennzoil Company		Pennzoil Products Company		DB 322/577
	Pennzoil Products Company		Cobham Gas Industries, Inc.		OG 76A/704
	Cobham Gas Industries, Inc., et al		Prima Oil Company, Inc., a wholly owned subsidiary of Trans Energy, Inc.		OG 84A/112 & 121A/830
	Cobham Gas Industries, Inc., et al		Prima Oil Company, Inc., a wholly owned subsidiary of Trans Energy, Inc.		OG 87A/190
	Trans Energy, Inc.		Republic Partners VI, LP		OG 98A/512
	Trans Energy, Inc., Prima Oil Company, Inc.		Republic Partners VI, LP		OG 111A/942
	Trans Energy, Inc., Prima Oil Company, Inc., American Shale Development, Inc.		Republic Partners VI, LP		OG 136A/784
	Republic Partners VI, LP		Republic Energy Ventures, LLC		OG 112A/549
	Trans Energy, Inc.		Republic Energy Ventures, LLC		OG 120A/737
	Trans Energy, Inc., Prima Oil Company, Inc., American Shale Development, Inc.		Republic Energy Ventures, LLC		OG 136A/777
	Prima Oil Company		Trans Energy, Inc.		OG 130A/150
	Trans Energy, Inc.		American Shale Development, Inc.		OG 130A/196
	Republic Energy Ventures, LLC and Republic partners, VIII, LLC		EQT Production Company		OG 179A/281
	Prima Oil Company		American Shale Development, Inc.		WV SOS
	American Shale Development, Inc.		EQT Production Company		DB 464/353

129363023 **Country Roads Minerals, LLC, et al.**

Country Roads Minerals, LLC

52 ac

EQT Production Company

"at least 1/8th per WV Code 22-6-8"

DB 1348/465

136043007 **Lee and Hall Royalties, et al.**

Lee and Hall Royalties

274 ac

EQT Production Company

"at least 1/8th per WV Code 22-6-8"

DB 1310/1083

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<u>131595001</u>	<u>David R. Cunningham, et al.</u> David R. Cunningham Antero Resources Corporation	18.0688 ac	Antero Resources Corporation EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1200/718 AB 56/332
<u>259229002</u>	<u>Country Roads Minerals, LLC, et al.</u> Country Roads Minerals, LLC Antero Resources Corporation	85.25 ac	Antero Resources Corporation EQT Production Copany	"at least 1/8th per WV Code 22-6-8"	DB 1320/9 AB 65/756
<u>174249001</u>	<u>Country Roads Minerals, LLC, et al.</u> Country Roads Minerals, LLC	34 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1291/667
<u>174257001</u>	<u>Country Roads Minerals, LLC, et al.</u> Country Roads Minerals, LLC	77 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1290/485
<u>237982012</u>	<u>Virginia Ross Taylor, et al.</u> Virginia R. Taylor, in her own right	18.5 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1361/204
<u>131300039</u>	<u>Country Roads Minerals, LLC, et al.</u> Joseph Robert Smallwood, a married man dealing in his sole and separate property	63.5 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1303/113
<u>172703000</u>	<u>EQT Production Company, et al.</u> Ascent Resources Marcellus Minerals, LLC	75 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1204/61
<u>111332002</u>	<u>AMP IV, LP, et al.</u> AMP IV, LP	42.5 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1290/470
<u>113880072</u>	<u>Bounty Minerals, LLC, et al.</u> Bounty Minerals, LLC	161 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1355/529
<u>104950004</u>	<u>EQT Production Company, et al.</u> Ascent Resources Marcellus Minerals	29 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1204/61
<u>136320000</u>	<u>Sheila C. Goodnight</u> Sheila C. Goodnight, single	2.02 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1187/476

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<u>263298000</u>	<u>Seth Lawrence Hixenbaugh and Nicole Lynn Harley</u> Seth Lawrence Hixenbaugh and Nicole Lynn Hixenbaugh, f/k/a Nicole Lynn Harley, his wife	0.74 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1361/836
<u>269872000</u>	<u>Paul W. Glover</u> Paul W. Glover, dealing in his sole and separate property	0.50 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1371/1034
<u>109688000</u>	<u>Keith A. Powell, et al.</u> Keith A. Powell and Rita G. Powell, husband and wife	21.5 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1139/618
<u>118963009</u>	<u>Alan Strum Cunningham, et al.</u> Samuel Miles Cunningham, widower	265 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 199A/741
<u>104442001</u>	<u>Emory Peak Minerals, LLC, et al.</u> Sara J. Furbee C. D. Greenlee Carnegie Natural Gas Company Carnegie Production Company Equitable Production - Eastern States, Inc. Equitable Production Company	400 ac	C. D. Greenlee Carnegie Natural Gas Company Carnegie Production Company Equitable Production - Eastern States, Inc. Equitable Production Company EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 63/89 Assignment dated June 25, 1900 OG 78A/513 WVSOS WVSOS CB 281/347

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In consideration of One-thousand (\$1,000.00) Dollars to me in hand paid by the Carnegie Natural Gas Company, receipt of which is hereby acknowledged, I, C. D. Greenlee of Pittsburg, Pennsylvania, do hereby sell, transfer and set over to the Carnegie Natural Gas Company, its successors and assigns, the gas and gas rights in two certain oil and gas leases on land situated in Grant District, Wetzel County, West Virginia, bounded and described as follows:- Lease made by Wilson Key, et. ux., February 16th, 1896, to C. D. Greenlee, bounded on the North by lands of James Furbee; East by lands of John H. Snodgrass, et.al; South by lands of S. P. Snodgrass; West by lands of James Allen, containing 500 acres, more or less, recorded in deed book #55 page #146; also lease made by Sarah J. Furbee, dated March 20th, 1900, to C. D. Greenlee, bounded on the North by lands of Hilay and Snodgrass; East by lands of Key, Kendall and Allen; South by lands of Allen and Ott; West by lands of Allen and Glover, containing 400 acres, more or less, recorded in deed book #63 page #39.

3715

3716

Together with all my estate, right, title, interest and privilege in and to the gas and gas rights in the herein described tracts of land.

SIGNED, SEALED and DELIVERED by the parties hereto this 25 day of June, A.D., 1900.

C. D. Greenlee (SEAL)

Witness:

_____ (SEAL)



STATE OF WEST VIRGINIA)
 COUNTY OF Putnam) -To-wit:

I, C. B. Johnson a Notary Public said County, do certify that C. D. Greenlee ~~and~~ his wife, whose name is signed to the writing within, bearing date the 25 day of June, 1900 has this day acknowledged the same before me in my said County.

Given under my hand this 25 day of June, 1900.
C. B. Johnson
 Notary Public.

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Office
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November 22, 2024

Mr. Taylor Brewer
West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304

Re: Tesla 17H 6A1 Addendum

Dear Mr. Brewer,

This letter and supporting documentation serve as EQT Production Company's addendum to the WW-6A1 form associated with this well. The lease included on this addendum is a lease in which EQT "claims the right to extract, produce or market the oil or gas", but does not propose to encounter the lease with the proposed wellbore. EQT would like to report this lease as part of our Well Work Permit Application, as it is located within 50' of our proposed permitted wellbore.

If EQT does encounter this lease, an application for a permit modification will be filed with the West Virginia DEP, Office of Oil and Gas.

If you have any questions, please do not hesitate to contact me at 724-746-9073.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Zavatchan'.

John Zavatchan
Regional Manager - Permitting

Enc.

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12-47-5_a
Lease No
122000000

12-47-5_b
Lease No
129363020

22'

TESLA 17H

12-47-4
Lease No
136043007

WV Department of
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32 East Main Street
Carnegie, PA 15106
412 278-2100

DRAWING NO: 17H ADDENDUM A
DRAWING NO:
SCALE: 1" = 100'
Date: NOVEMBER 4, 2024
DRAWN BY: CPK

SHEET 1 of 1



TESLA 17H

12-47-11
Lease No
131595001

12-46-2_g
Lease No
174139001

30'

12-47-6
Lease No
136043007

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KEYSTONE
CONSULTANTS, LLC
32 East Main Street
Carnegie, PA 15106
412 278-2100

DRAWING NO: 17H ADDENDUM B
DRAWING NO: _____
SCALE: 1" = 100'
Date: NOVEMBER 4, 2023
DRAWN BY: HB
SHEET 1 of 1



12-46-1_b
Lease No
259229002

TESLA 17H

11'

12-47-11_a
Lease No
106169000

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32 East Main Street
Carnegie, PA 15106
412 278-2100

DRAWING NO: 17H ADDENDUM C
DRAWING NO: _____
SCALE: 1" = 100'
Date: NOVEMBER 4, 2024
DRAWN BY: HB
SHEET 1 of 1



12-46-2_h
Lease No
174257001

12-46-2_k
Lease No
174249001

12-46-9_a
Lease No
226743000

12-46-1_a
Lease No
259229002

TESLA 17H

44'

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32 East Main Street
Carnegie, PA 15106
412 278-2100

DRAWING NO: 17H ADDENDUM D

DRAWING NO:

SCALE: 1" = 100'

Date: NOVEMBER 4, 2024

DRAWN BY: HB

SHEET 1 of 1

Lease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
<u>122000000</u>	<u>Bounty Minerals LLC</u> Bounty Minerals LLC Antero Resources Corporation	21.75 ac	Antero Resources Corporation EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1221/1046 AB 56/332
<u>174139001</u>	<u>Country Roads Minerals, LLC, et al.</u> Country Roads Minerals, LLC	203 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1291/676
<u>106169000</u>	<u>Bradley W. Thomas, et al.</u> Bradley W. Thomas, a married man dealing in his sole and separate property, et al.	81.5 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1203/303
<u>226743000</u>	<u>Wayne D. Willie II, et al.</u> Wayne D. Willie II, aka Wayne Delbert Willie, a married man dealing in his sole and separate property	14.5 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	DB 1324/442

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December 13, 2024

Via FedEx Overnight Delivery

West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304

RE: Well Work Permit Application Modification
Tesla 17H
Permit Number 47-103-03668
Grant District, Wetzel County, WV

WVDEP Recipient,

Attached please find the Well Work Permit Modification Application for the well referenced above. You will find the following included with this submittal:

- Check in the amount \$2,500.00 for the permit modification fee
- Completed WW-6B and supporting documents, approved by the O&G Inspector
- Well Location Plat
- Completed Form WW-6A1 and supporting documentation
- Proof of notification to the surface owners to add the proposed above ground storage tank
- Hydraulic Fracturing Monitoring Plan
- Offset Well Map and Table
- CD including the Water Management Plan Modification Application and Site Plan showing the location of the proposed above ground storage tank.

EQT is proposing to extend the lateral from the previously permitted length and add an above ground storage tank to the site.

EQT Production trusts that if any portion of the submitted documentation is found to be inadequate for processing the permit, notification will be made to our Permitting department at your earliest convenience. It is EQT Production's intent to cooperate fully to provide any additional requested documentation and clarification in a timely manner such that permitting proceeds in a predictable and logical manner.

Best Regards,

John Zavatchan
Regional Manager - Permitting
jzavatchan@eqt.com
412-584-3132

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Tesla AST Notification 11/27/2024

9589 0710 5270 0282 4675 50

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Fairmont, WV 26554

Certified Mail Fee	\$4.85
Extra Services & Fees (check box, add fee as appropriate)	\$4.10
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$1.77
Total Postage and Fees	\$10.72

Sent To: Amber M. Nichols
Street: 49 Penny Lane
City, St: Marmington, WV 26582

PS For: _____

Postmark Here: PA 15117 0117 025 ELLWOOD CITY PA 11/27/2024

9589 0710 5270 0282 4675 67

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Extra Services & Fees (check box, add fee as appropriate)	\$4.10
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$1.77
Total Postage and Fees	\$10.72

Sent To: Harrison County Coal Resources, Inc.
Street: 46226 National Road
City, St: St. Clairsville, OH 43950

PS For: _____

Postmark Here: OH 43950 0117 02 PA 15117 11/27/2024

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Canonsburg, PA 15317

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<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$1.77
Total Postage and Fees	\$10.72

Sent To: CNX Land Resources
Street: 1000 Horizon Vue Drive
City, St: Canonsburg, PA 15317

PS For: _____

Postmark Here: OH 43950 0117 02 PA 15117 11/27/2024

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